



भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 29] नई दिल्ली, शनिवार, जुलाई 18, 1998 (आषाढ़ 27, 1920)
No. 29] NEW DELHI, SATURDAY, JULY 18, 1998 (ASADHA 27, 1920)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS AND DESIGNS

Calcutta, the 18th July 1998

ADDRESS AND JURISDICTION OF THE OFFICES OF THE PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Mumbai, Delhi and Chennai having territorial jurisdiction on a Zonal basis as shown below :—

Patent Office Branch,
Todi Estates, IIIrd Floor,
Lower Parel (West), Mumbai-400 013.

The States of Gujarat,
Maharashtra, Madhya Pradesh and
Goa and the Union
Territories of Daman and
Diu and Dadra and Nagar Haveli.

Telegraphic address "PATOFFICE"

Ph. No. 492 5092 Fax No. 0224950622

Patent Office Branch,
Unit No. 401 to 405, IIIrd Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110 005.

The States of Haryana,
Himachal Pradesh, Jammu and
Kashmir, Punjab, Rajasthan,
Uttar Pradesh and Delhi and
the Union Territory of
Chandigarh.

Telegraphic address "PATENTOFIC"

Ph. No. 578 2532 Fax No. 011-5766204

Patent Office Branch,
Wing 'C'-(C-4, A),
IIIrd Floor, Rajaji Bhavan, Besant Nagar,
Chennai-600 090.

The States of Andhra Pradesh,
Karnataka, Kerala, Tamilnadu and
Pondicherry and the Union
Territories of Laccadive, Minicoy
and Aminidivi Islands.

Telegraphic address "PATENTOFIS".

Ph. No. 490 1495 Fax No. 044-4901492

Patent Office (Head Office),
"NIZAM PALACE", 2nd M.S.O.
Building, 5th, 6th and 7th
Floor, 234/4, Acharya Jagadish
Bose Road, Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS"

Ph. No. 247 4401 Fax 033-2473851

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by bank draft or cheque payable to the Controller of Patents drawn on a scheduled bank at the place where the appropriate office is situated.

पेटेंट कार्यालय

एकरव तथा अभिकल्प

कलकत्ता, दिनांक 18 जुलाई 1998

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जैन के आधार पर निम्न रूप में प्रदर्शित हैं :-

पेटेंट कार्यालय शाखा, टांडी इस्टेट,
तीसरा तल, लॉवर पंगेल (प.),
मुम्बई-400013 ।

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोवा राज्य क्षेत्र एवं मध्य
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली ।

तार पता - "पेटेंटोफिस"
फोन 4925092 फैक्स : 0224950622

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका द्वारा भवन,
महम्मदी मार्ग, करीब बाग,
नई दिल्ली-110 005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्र एवं मध्य शासित क्षेत्र जम्मूखण्ड ।

तार पता - "पेटेंटोफिस"
फोन : 578 2532 फैक्स : 011-5766204

पेटेंट कार्यालय शाखा,
विंग "सी" (सी-4, ए),
तीसरा तल, राजाजी भवन,
बंगलूर नगर, चेन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
मध्य शासित क्षेत्र, लक्षद्वीप, मिनिक्काय
तथा एमिनिदिदि व्कोप ।

तार पता - "पेटेंटोफिस"
फोन : 490 1495 फैक्स : 044-4901492

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बृहत्सलीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जयदीन बंसल मार्ग,
कलकत्ता-700 020 ।

भारत का अवरण क्षेत्र ।

तार पता - "पेटेंटोफिस"
फोन : 247 4401 फैक्स : 033-2473851

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में
अपीक्षित सभी आवेदन-पत्र, सूचनाएं विवरण या अन्य प्रलेख पेटेंट
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे।

शुल्क : शुल्कों की अदायगी या रोकथाम की जाएगी अथवा
यहां उपयुक्त कार्यालय अवस्थित है, उस स्थान
के अनुसूचित बैंक से नियंत्रक को भरोसा योग्य बैंक द्वारा अपना
बैंक द्वारा की जा सकती है ।

COMPLETE SPECIFICATION ACCEPTED

स्वीकृत सम्पूर्ण विनिर्देश

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta or the appropriate Branch Office on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by two to get the charges as the copying charges per page are Rs. 2/-.

एतद्वारा यह सूचना दी जाती है कि सम्बन्धित आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्देश की तिथि से चार (4) महीने या अधिक ऐसे अवधि के उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदनित एक महीने की अवधि से अधिक नहीं, के भीतर कभी भी नियंत्रक, एकत्रित एवं उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी विधि के एक महीने के भीतर ही प्राप्त किए जाने चाहिए।

"प्रत्येक विनिर्देश के संदर्भ में मोटे तौर पर वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण को सम्बन्धित है।"

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की अंतिम अथवा फोटो प्रतियों को आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय में पत्र व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी दायरगी पर की जा सकती है। विनिर्देशों की फोटो प्रतियों के साथ प्रत्येक स्वीकृत विनिर्देशों के सामने नीचे वर्णित चित्र आरेखों कागजों को जोड़कर उसे 2 से गुणा करके, (प्रत्येक प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Ind. Cl. : 50 E-1

181581

Int. Cl. : F 25 B 3/00, 31/02

"A HERMATIC ROTARY COMPRESSOR WITH MOTOR COOLING".

Applicant : COPELAND CORPORATION, OF CAMPBELL ROAD, SIDNEY, OHIO 45365-0669, UNITED STATES OF AMERICA.

Inventors :

NORMAN GLENN BECK
FRANK SHUE WALLIS
GARY ANTHON HOLTHAUS

Application No. : 816/Cal/1993 filed on 27th December, 1993.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office Calcutta.

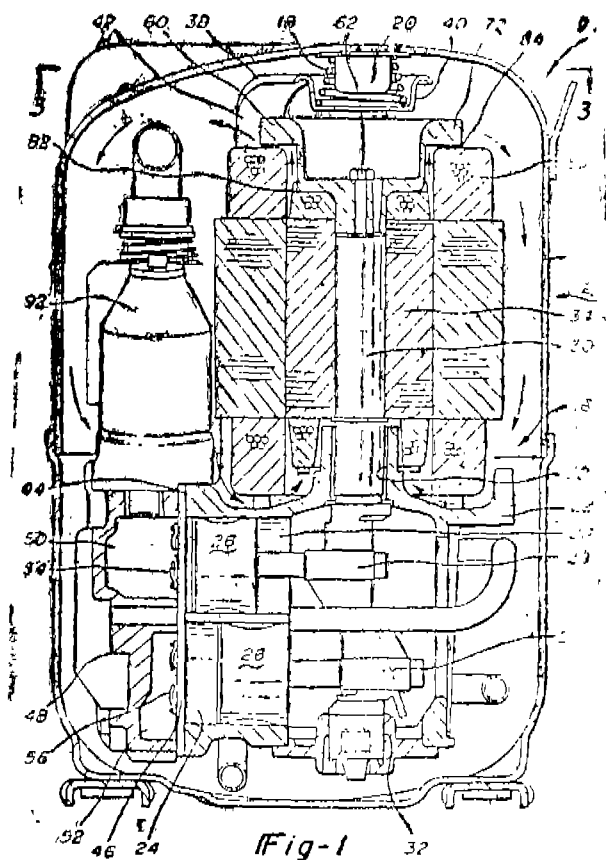
13 Claims

A hermetic rotary compressor with motor cooling for a refrigerant comprising :

a hermetically sealed outer shell; motor means disposed within said shell, said motor means including a motor stator fixedly secured to said shell, a motor rotor rotatably disposed within said motor stator and a drive shaft fixedly secured to said motor rotor;

rotary compressor means disposed within said shell, said rotary compressor means drivingly to said drive shaft of said motor means;

characterized in that fan means fixedly secured to said drive shaft of said motor means, said fan means operable to draw said refrigerant between said motor rotor and said motor stator such that excess heat is absorbed by said refrigerant, said fan means further operable to direct said refrigerant heated by said motor rotor and said motor stator towards the interior surface of said outer shell.



(Compl. Specn. : 9 pages;

Dgns. : 4 sheets)

Ind. Cl. : 87 C

181582

Int. Cl. : A 63 B 53/04

"GOLF CLUB HEAD WITH DUAL INTERSECTING RECESSES".

Applicant : CALLAWAY GOLF COMPANY, OF 2285 RUTHERFORD ROAD, CARLSBAD, CALIFORNIA 92008-8815 UNITED STATES OF AMERICA.

Inventors :

1. GLENN HOWARD SCHMIDT
2. RICHARD CHARLES HELMSTETTER

Application No. : 833/Cal/1993 filed on 31st December, 1993.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office Calcutta.

17 Claims

A golf club head (10) with dual intersecting recesses having a body (11) defining a heel (12), toe (13), top wall (14), bottom wall (15) a front wall defining an upwardly and rearwardly inclined front face (16).

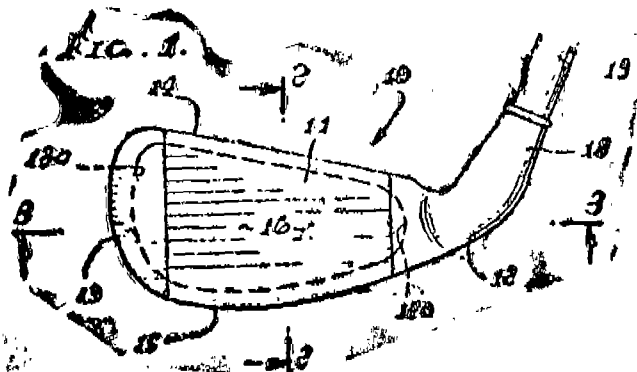
(a) said body (11) defining as forwardly extending main recess (21) located rearwardly of said front wall (16),

(b) said body (11) also defining an undercut recess (22) located directly rearwardly of said front wall (16), characterised in that

(i) said undercut recess extends outwardly from said main recess (21) toward and into at least two of said top wall (14), bottom wall (15), toe (3) and heel (12);

(ii) said top wall (14) has a rearward projection directly rearwardly of said undercut recess (22) at the level of the top of said front wall, said top wall (14) having reduced vertical thickness in relation to said front wall outwardly of said undercut recess (22), thereby to define a reduced thickness forward portion (14b); and

(iii) said forward portion (14b) is located rearwardly of the top level of said front face (16), and said undercut recess (22) nearest said forward portion (14b) extending to a level proximate the top level of said front face (16).



(Compl. Specn. : 18 pages;

Drgns. : 2 Sheets)

Int. Cl. : A 47 B 81/00.

181583

DEVICE FOR SECURELY STORING RIFLES AND LIKE WEAPONS.

Applicant & Inventor : PIAREY LAL CHOPRA, OF MAIN ROAD, RANCHI-834-001, BIHAR, INDIA.

Application No. : 39/Cal/1994 filed on 11th February, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

17 Claims

a device for securely storing rifles and like weapons comprising :

a framework (1);

a base (2) secured to lower end of said framework;

one or more holding racks (3, 4) fixed to said framework above said base one above the other and parallel to each other, the or each said rack having slots through which upper end of a rifle can pass through;

the or each said rack comprising :

a stationary plate (6) mounted on said framework;

a slidable plate (5) mounted on said stationary plate and slidable in relation to said stationary plate :

slots (9, 10) provided on one or both longitudinal sides of each of said stationary plate and slidable plate such that in the open position of said plates, said slots in said plates are aligned with each other for access of said weapons there-through and in the closed position of said plates, slots of said stationary plate and slidable plate are out of alignment with each other, said slots having slanted portions of retaining said weapons in said closed position, said slots in either other of said plates for accommodating said weapons in said of said plates being of bigger dimension than the slots in the closed position;

locking means provided on said slidable plate and said framework for locking said slidable plate relative to said stationary plate in said closed position.

resilient protecting means such as PVC pads provided on the edges of each slot in said slidable plate and/or stationary plate for protecting the weapons from being scratched; and

optionally, an ammunition box fixed to one of the transverse sides of said framework and having a removable lid on top thereof.

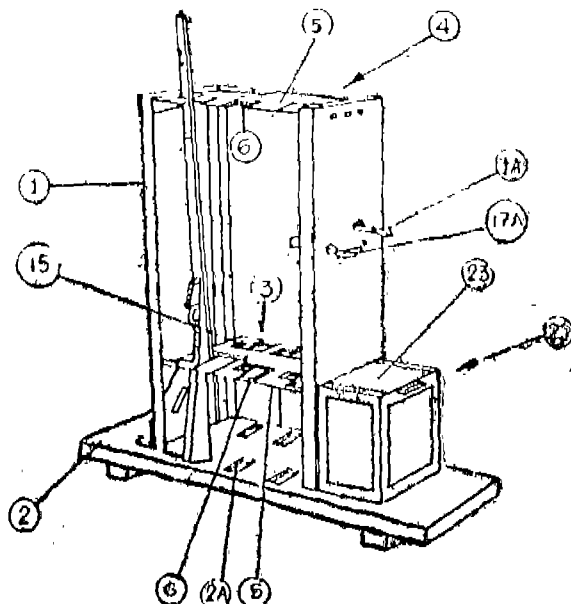


Fig. 1

(Compl. Specn. : 22 pages;

Drgns. : 5 Sheets)

Cl. : 32 F

181584

Int. Cl. : C 08 F 11/02,
C 08 G 63/18.

A PROCESS FOR THE PREPARATION OF CRYSTALLIZABLE THERMOPLASTIC SYNTHETIC MATERIAL.

Applicant : RIETER AUTOMATIK GMBH, OF OST-RING 19, 63757 GROSSOSTHEIM, GERMANY.

Inventor : JURGEN KEILERT.

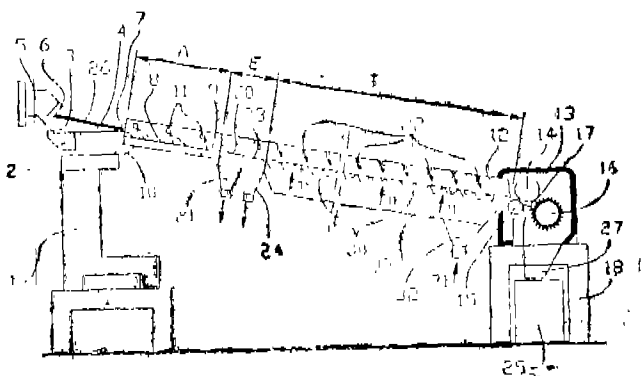
Application No. : 188/Cal/1994 filed on 22nd March, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

4 Claims

A process for the preparation of crystallizable thermoplastic synthetic material, such as polyethyleneterephthalate, where said synthetic material is extruded, crystallized with a gas, billets (26) discharged from nozzles with a casting gutter (8) having an inlet end disposed under the nozzle, a quenching segment (A) for producing a flow of cooling fluid on the casting gutter dehydration segment (E) adjacent said quenching segment (A) provided with gaps (20) for the discharge of the cooling fluid, a suction shaft (24) in said dehydration segment (E) for allowing a discharge of air, a connecting drying segment (T) where the casting gutter (8) is provided with closely adjacent nozzles (30) for the passage gas, said drying segment adjacent said dehydration segment, a granulator (T) at the discharge end of said drying segment (T), the lengths of the quenching segment (A), the dehydration segment (E) and the drying segment (T) having lengths so that a duration of maximum 1.5 sec (approx) so that the billets (26) have a surface temperature of at least 100°C in the quenching segment (A), a duration of maximum 0.1 sec (approx) in the dehydration segment

(E) and a duration of maximum 20 sec (approx) in the drying segment (T) for the crystallization at essential maintenance of the surface temperature at the end of the quenching segment (A).



(Compl. Specn. : 12 pages;

Drgns. : 1 Sheet)

Cl. : 69 E

181585

Int. Cl. : H 01 H 51/22.

POLARIZED ELECTRO-MAGNETIC RELAY.

Applicant : SIEMENS AKTIENGESellschaft, OF WITTELSBACHERPLATZ 2, 80333 MUENCHEN, GERMANY.

Inventors :

- (1) HEINZ STADLER,
- (2) MICHAEL DITTMANN,
- (3) HERBERT MITSCHIK.

Application No. : 192.Cal/1994 filed on 23rd March, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972). Patent Office, Calcutta.

20 Claims

polarized electromagnetic relay having a base (1) which is made of insulating material, defines a basic plane with its bottom side and in which are secured at least two stationary mating contact elements (11, 12, 13, 14) as well as two metallic bearing supports (15b, 16b) for an armature.

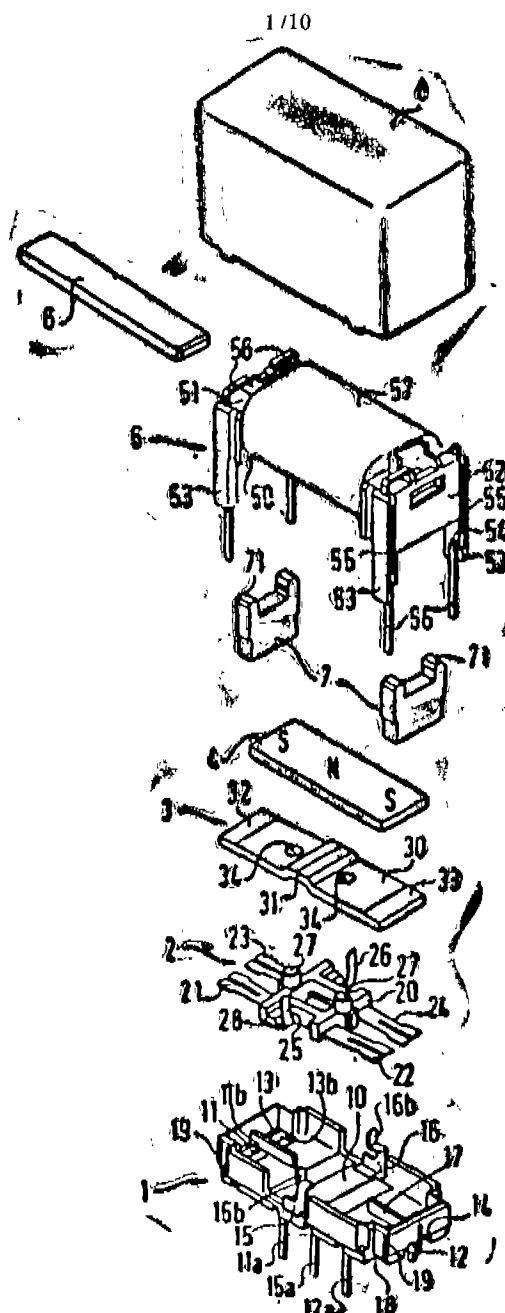
a coil (5), which is secured on the base (1) and has an axis parallel to the basic plane, a core (6) and two pole shoes (7) connected to the ends of the core.

a permanent magnet arrangement (4) which forms, in the region of the coil centre, a centre pole having a first pole direction (N) and produces at each of the pole shoes poles having a pole direction (S) opposite to said first pole direction,

a flat rocker armature (3), which is arranged approximately parallel to the coil axis between the base on the one hand and the coil and the permanent magnet arrangement on the other hand and is pivotally mounted approximately in the centre thereof about a centre axis which is parallel to the basic plane, and

a contact arrangement (2), which is permanently connected to the armature, has at least two movable contact elements (21, 22, 23, 24), which are embedded in an insulating material carrier (29) (sic) and optionally cooperate with in each case one of the mating contact elements (11, 12, 13, 14), and have two bearing elements (25, 26) which are embedded in the insulating material carrier (20), issue at opposite sides of the armature (3) and are connected to the bearing supports (15b, 16b),

characterized in that the bearing elements are designed as flat bearing strips (25, 26) which extend at least with a securing section at right angles to the basic plane, and in that the bearing supports (15b, 16b) from vertical beading afces, against which the securing sections of the bearing strips (25, 26) lie flat, and said bearing strips (25, 26) bent up vertically with a small radius and are secured in a verticle position being aligned with the said bearing supports (15b, 16b) which can be set in a continuously variable manner.



(Compl. Specn. : 24 pages;

Drgns : 10 Sheets)

Cl. : 24 F

81586

Int. Cl. : B 60 T 8/60

A DEVICE FOR OPEN-LOOP AND CLOSED-LOOP CONTROL OF AN ELECTRIC DRIVE OF A VEHICLE.

Applicant : ABB RESEARCH LTD., OF AFFOLTERNSTRASSE 44, CH-8050 ZURICH, SWITZERLAND.

Inventors :

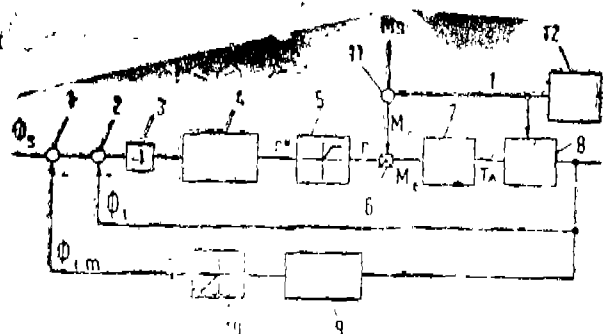
1. ROLF SCHREIBER
2. RUDIGER KOEGL
3. PROFESSOR PETER HOLDENBRAND.

Application No. 224/Cal/1994 filed on 4-4-1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

4 Claims

A device for open-loop and closed-loop control of an electric drive of vehicle, in particular of a rail vehicle for utilizing to a high degree the frictional engagement between wheel and rail or underlying surface comprising an inverter (3), the input of the said inverter (3) is connected in series to a first addition point (1) and a second addition point (2) for phase shift value, the inverted output of the said inverter (3) is fed to a controller (4), the output of the said controller (4) is an unlimited reduction factor (r^*), which is fed to a limiter (5) and the output (r) of the said limiter (5) is connected to a multiplication point (6), the said multiplication point (6) is connected to a third addition point (11) which delivers a set value (M), and the output of a corrected torque valve (ME) from the said multiplication point (6) is fed to the drive device (7), the mechanical output of angular speed (ω) of the drive device (7) is fed to an evaluation device (8), the said evaluation device (8) is also connected to a test signal generator (12) which delivers a test signal (T), the output of said evaluation device (8) is fed direct to second addition point (2) for an actual phase shift value (ϕ_i) and to addition point (1) through a differentiator (9) and a single side limiter (10) for a modified actual phase shift value (ϕ_m).



(Compl. Specn. 12 pages;

Drgns. 2 sheets.)

Cl. : 89

181587

Int. Cl. : G 01 D 5/02.

A MEASURING INSTRUMENT AND METHOD OF MAKING THE SAME.

Applicant : SYNTON AG, OF BIELSTRASSE 40 D CH-3250 LYSS SWITZERLAND.

Inventors :

1. GERARD RUITEN
2. WALTER HOFMANN.

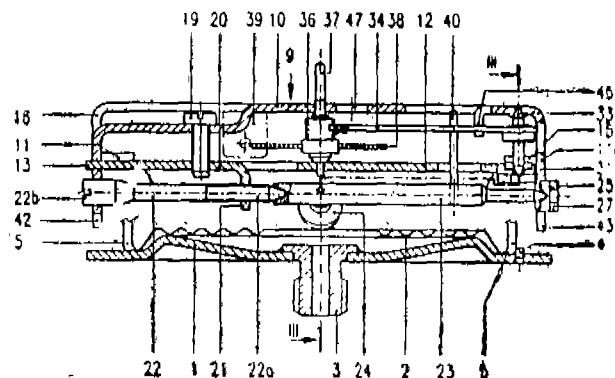
Application No. 548/Cal/1994 filed on 11th July, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

9 Claims

A measuring instrument comprising a measuring element and an instrument framework, a mechanism being fixed within said framework for transmitting a position of said measuring element to a display element, said framework comprising shaped pieces which are elastically connected to each other, characterised in that bridges (9, 12) are provided on said framework;

elastic holding elements (5) are provided on a base (1) or housing, said holding elements connecting said bridges to each other and to said base or housing elastically.



(Compl. Specn. 16 pages;

Drgns. 2 sheets.)

Cl. : 69 I

181588

Int. Cl. : H 03 K 17/76.

A SWITCHING DEVICE FOR DIGITAL DATA NETWORKS AND ASYNCHRONOUS TRANSFER MODE.

Applicant : ASCOM TECH TG, GESELLSCHAFT FÜR INDUSTRIELLE FORSCHUNG & TECHNOLOGIEN DER ASCOM, OF MORGENSTRASSE 129, CH-3018 BERN, SWITZERLAND.

Inventors :

1. ANDRE GULLARD
2. RAINER FEHR.

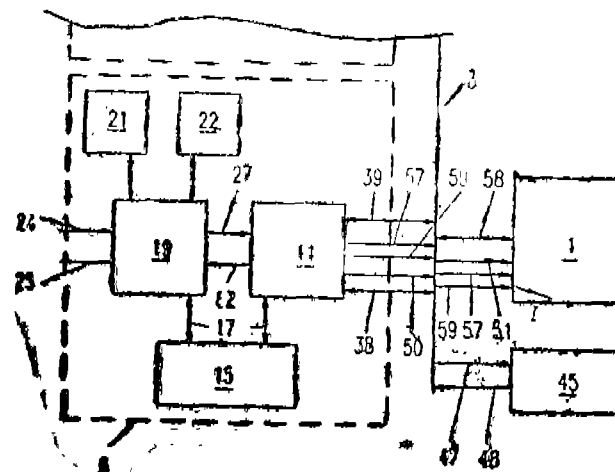
Application No. 737/Cal/1994 filed on 15th September, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

22 Claims

A switching device for digital data network in which the transfer of data takes place in the form of digital data cells consisting of each of a data part and a control part said control part comprising an address part, and said device having at least two inputs (24) and two outputs (25),

characterized in that the device comprises a memory (1) having a buffer area (44) allocated for each of said inputs (24), said buffer area consists of storage cells (46) in each of which at least one data cell is storable for each input and accessible through each output (25), the connection between said memory (1) and said inputs and outputs (24 resp. 25) being established by a synchronous bus (3), the data transfer on said bus (3) being controlled by a bus clock.



(Compl. Specn. 25 pages;

Drgns. 3 sheets.)

Cl. : 178

181589

Int. Cl. : B 24 B 25/00, 27/00.

A MACHINE FOR SHAPING WORKPIECES.

Applicant & Inventor : ADIR ASCALON, OF 35 EAST 35TH STREET, NEW YORK, NY 10016 UNITED STATES OF AMERICA.

Application No. 877 Cal/1994 filed on 24th October, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

18 Claims

A machine for shaping a plurality of workpieces, said machine comprising :

a plurality of pin members for holding said workpieces and for assisting in applying shaping forces to said workpieces;

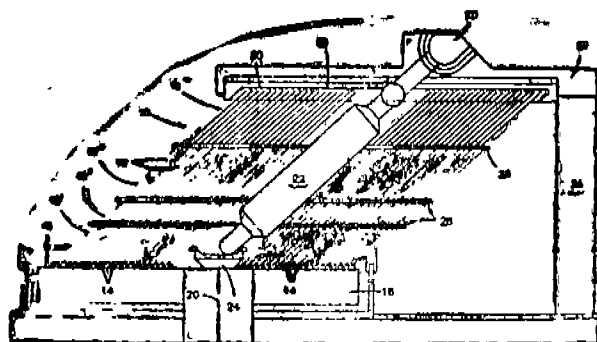
each pin member having a longitudinal axis and means for holding one of said workpieces;

means for retaining said pin members in a contiguous and abutting relationship;

means for abrading at least one surface of each of said workpieces;

said abrading means having a rotational axis; and

means for simultaneously changing all of said pin members so that the longitudinal axis of said pin members are in a desired relationship with respect to the rotational axis of said abrading means.



(Compl. Specn. 27 pages;

Drgns. 6 sheets.)

Cl. : 128 K

181590

Int. Cl. : A 61 B 17/00.

A LASER BEAM OPHTHALMOLOGICAL SURGERY APPARATUS.

Applicants & Inventors : 1. GABRIEL SIMON, OF MAESTRE NICOLAU 23-6A 08021 BARCELONA, SPAIN. 2. CHENG HAO HUANG, OF 8843 LARWIN LANE, ORLANDO, FLORIDA 32817, UNITED STATES OF AMERICA.

Application No. 1575/Cal/1995 filed on 5th December, 1995.

Appropriate Office for Opposition Proceedings (Rule 1, Patents Rules, 1972), Patent Office, Calcutta.

8 Claims

A laser beam ophthalmological surgery apparatus (10) for abalating a portion of cornea comprising :

a laser (11) for generating a laser beam (12);

a beam splitter (13, 44) for splitting the laser beam (12) from said laser (11) into a plurality of laser beams (14, 15);

a plurality of scanners (16, 21, 45, 46, 48, 50), each positioned for receiving one of said laser beams (14, 15) from said beam splitter (13, 44) and producing a predetermined scanning pattern from the laser beam (14, 15) impinging thereupon;

focusing optics (43) positioned between said laser (11) and said beam splitter (44) for focusing each of said laser beams onto one said scanner;

directing means (23, 18) positioned between said plurality of said scanners (16, 21, 45, 46, 48, 50) and said cornea for directing each of said laser beams onto the cornea of a patient's eye simultaneously in a parallel pattern for abalating a portion of the cornea of the eye; and

a computer (27) connected to each said scanner for controlling each said scanner (16, 21, 45, 46, 48, 50) in a predetermined pattern whereby a plurality of laser beams can perform a surgical procedure on a patient's eye.

(Compl. Specn. 15 pages;

Drgns. 2 sheets.)

Cl. : 68 B

181591

Int. Cl. : H 01 J 61/067.

LOW-PRESSURE DISCHARGE LAMP.

Applicant : PATENT-TREUHAND-GESELLSCHAFT F. ELEKTRISCHE GLUEHLAMPEN MBH., OF HELLABRUNNER STR. 1, 81543 MUENCHEN, GERMANY.

Inventors :

1. HUBERT SCHAFFNITZEL.
2. SIEGFRIED HEIN
3. HANS SCHMIDT.

Application No. 748/Cal/1993 filed on 2nd December, 1993.

(Convention No. 2,096,073 on 12-05-1993 in Canada).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

Low-pressure discharge lamp (1) having a wound discharge vessel (2) assembled from one or more glass tubes bent in a U-bent fashion;

two electrodes (15, 16) sealed tightly at the end of the discharge vessel;

a filling made from mercury and at least one noble gas as herein described; and luminescent coating (22) of the kind described herein on the inner wall of the discharge vessel (2);

the tube or tubes bent in a U-bent fashion comprising in each case two longitudinal tube legs (8, 9) which extend in parallel, are sealed at their free ends and have as essentially circular inner cross section and a cross-connecting portion (10) bent essentially 180°;

and in the case of a plurality of glass tubes bent in a U-shaped fashion said tubes are arranged parallel next to one another and are connected to one another via a through-interconnection adjacent to the free ends of the longitudinal tube legs (8, 9) and

wherein the inner diameter of the essentially 180° bent cross connection portion (10) decreases from the transition with the tube legs (8, 9) to the apex (1) of the cross-connecting portion to have, in cross section at the apex, essentially elliptical shape, in which the relationship of the minor

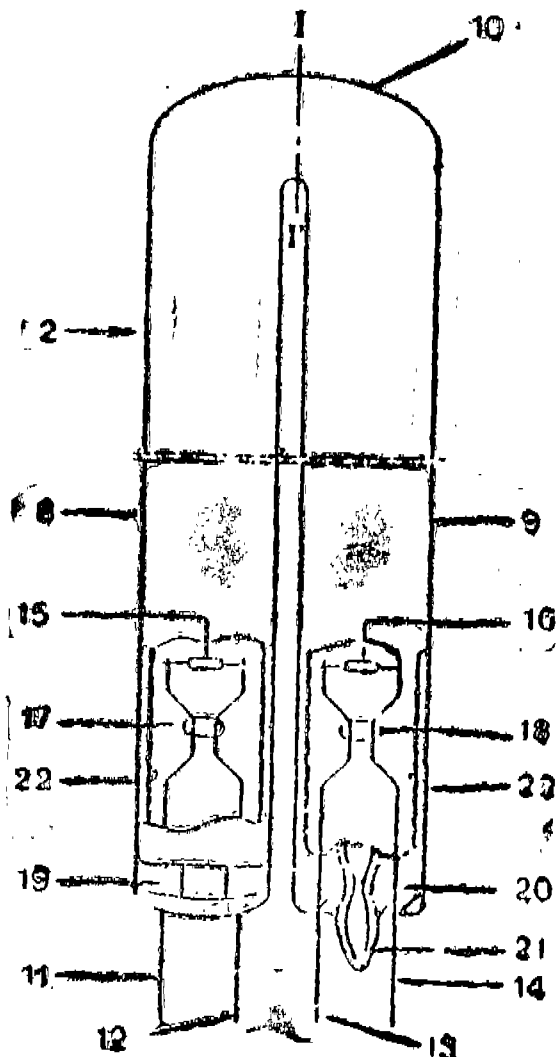
axis (d) of the ellipse to the major axis (D) of the ellipse is defined by

$$0.5 \leq \frac{d}{D} \leq 0.9$$

the minor axis (d) is extending in the longitudinal direction of the longitudinal tube legs (8, 9);

and the major axis (D) being equal to the diameter of the inner cross section of the longitudinal tube legs (8, 9).

2/3



(Compl. Specn. 10 pages;

Drgns. 3 sheets.)

Cl. : 55 E 4 & 55 F.

181592

Int. Cl. : A 61 J 3/10, A 61 K 9/20,
9/48.

AN APPARATUS AND METHOD FOR CREATING A COATING ON A PRODUCT.

Applicant : McNEIL-PPC, INC. VAN LIEW AVENUE,
MILLTOWN, NJ 08850, UNITED STATES OF AMERICA.

Inventor : NORBERT I BERTA.

Application No. 8/Cal/94 filed on 6th January, 1994.

Appropriate Office for Opposition Proceedings (Rule 4.
Patents Rules. 1972). Patent Office, Calcutta.

10 Claims

An apparatus (300) for creating a coating on a product (10) comprising a plurality of product carrier plate means

(50, 50'), a first coating section (302), a second coating section (304) and means for transferring products from said first section (302) to said section (304);

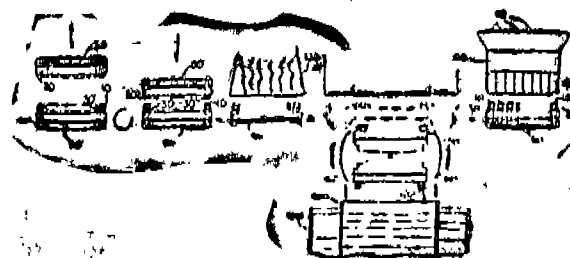
a. said first coating section (302) comprising :

- (i) feeding and loading means (306) for depositing products (10) onto said product carrier plate means (50, 50') such that a first portion of said product (10) is exposed;
- (ii) first dipping means (308) for positioning and lowering said product carrier plate means (50, 50') received from said feeding and loading means (306) such that at least said first portion of said product (10) is immersed in a coating material for applying a coating thereto;
- (iii) first rotating means (310) for rotating said product carrier plate means (50, 50') at least one revolution;
- (iv) first dryer means (314) for curing the coating applied to said product (10), said first dryer means (314) including means for transporting said product carrier plate means received from said first rotating means through said dryer means (314);

b. said transferring means (318) comprising means for transferring said product (10) to said second coating section such that a section portion of said product (10) is exposed in said product carrier plate means (50, 50');

c. said second coating section (304) comprising :

- (i) second dipping means (320) for positioning and lowering said product carrier plate means (50, 50') received from said transferring means (318) such that at least said second portion of said product (10) is immersed in a coating material for applying a coating thereto;
- (ii) Second rotating means (322) for rotating said product carrier plate means (50, 50') at least one revolution;
- (iii) Second dryer means (315) for curing the coating applied to said product (10), said second dryer means (315) including means for transporting said product carrier plate means (50, 50') received from said second rotating means (322) through said dryer means (315); and
- (iv) means for unloading (328) said coated product from said product carrier plate means, characterised in that said first and second rotating means (310, 322) are separate from and adjacent to said first and second dipping means (308, 320), and receive said product carrier plates (50, 50') from said first and second dipping means (308, 320) respectively.



(Compl. Specn. 37 pages;

Drgns. 9 sheets.)

Cl. : 172 D 3.

181593

Int. Cl. : D 01 H 7/12.

A BEARING ASSEMBLY FOR A SHAFT OF A SPINNING OR TWISTING SPINDLE.

Applicant : 1. FRITZ STAHLACKER, OF JOSEF-NEIDHART-STRASSE 18, 73337 BAD UBERKINGEN, FEDERAL REPUBLIC OF GERMANY.

2. HANS STAHLACKER, OF HALDENSTRASSE 20 73079 SUSEN, FEDERAL REPUBLIC OF GERMANY.

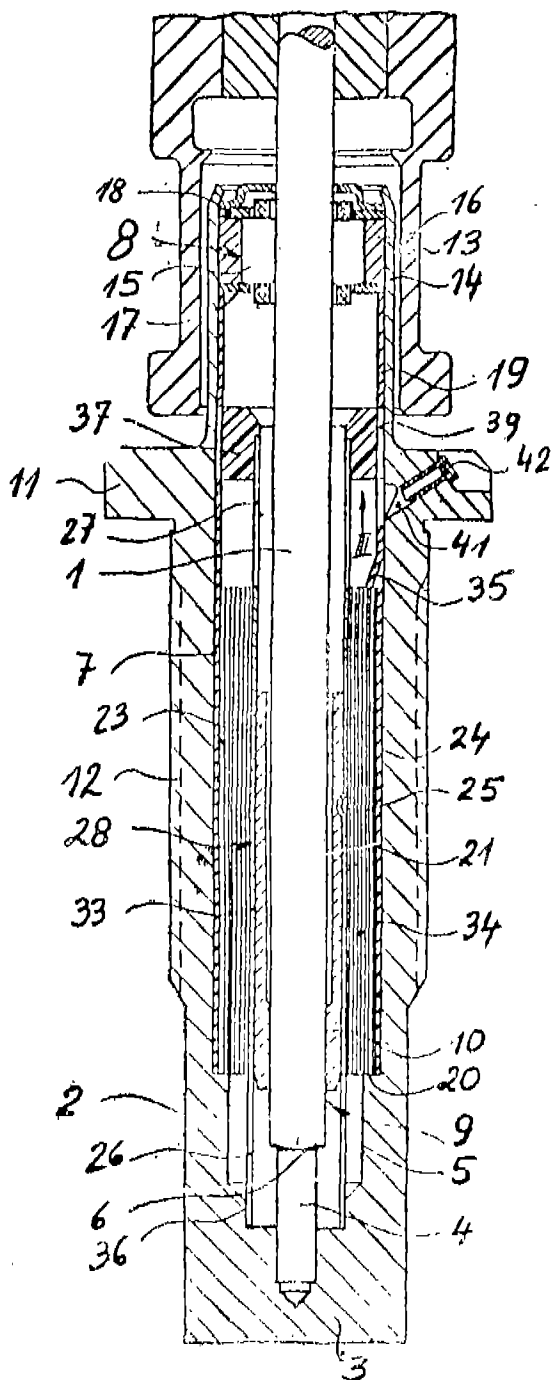
Inventor HANS STAHLACKER.

Application No. 241/Cal/94 filed on 8th April, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

11 Claims

A bearing assembly for a shaft (1) of a spinning or twisting spindle comprising a spindle bearing housing (2), the said bearing housing (2) comprises in its upper area a neck bearing (8) and in its lower area a step bearing (9), said step bearing (9) having a radially movable step bearing sleeve (10) which is encased fixedly against rotation by securing means, the said step bearing sleeve (10) is centered by a centering spring (26; 27) characterised in that said centering spring (26; 27) forms a centering sleeve (28) surrounding said step bearing sleeve (10) and has axially extending and radially resilient tongues (29; 30), the ends (31, 32) of said tongues (29, 30) are either held by said spindle bearing housing (2) or by a guide ring (37) arranged between said tongues (29, 30) and said spindle bearing housing (2).



Cl. : 68 D.

181594

Int. Cl. : H 02 H 3/00, 3/08.

SURGE SUPPRESSION DEVICE.

Applicant : TRW, INC., ONE SPACE PARK, REDONDO BEACH, CALIFORNIA 90278, UNITED STATES OF AMERICA.

Inventors :

- (1) WILLIE CHRISTOPHER KISER,
- (2) KEVIN GALE FOREMAN,
- (3) PAUL JAY MILLER.

Application No. 262/Cal/1994 filed on 12th April, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

11 Claims

A surge suppression device (10) for protecting electrical equipment (28) from damage, the electrical equipment being supplied with power from a plug (12) having a plurality of male pins which mate with sockets in a female electrical receptacle (14) said device comprising :

a body (30), sufficiently thin so as to fit between said plug (12) and the female receptacle (14) while permitting mating engagement therebetween.

said body having holes (42) (44) therein aligned with the pins (16) (18) in said plug (12) said body being insertable over said pins so that the pins extend through the holes ;

first contact (48) for making electrical contact with one of the pins 16 as it extends through a hole in said body ;

second contact (50) for making electrical contact with a second pin 18 as it extends through a second hole in said body ;

said body (30) being made of voltage transient limiting material having opposing first and second faces,

said first contact (48) being electrically connected to the first face (34) ;

said second contact (50) being electrically connected to the second face (40) and whereby the device is insertable over the pins (16, 18) of the male plug (12) and said body of the device provides surge suppression protection for the electrical equipment (28) when the plug (12) is mated with the female receptacle (14).

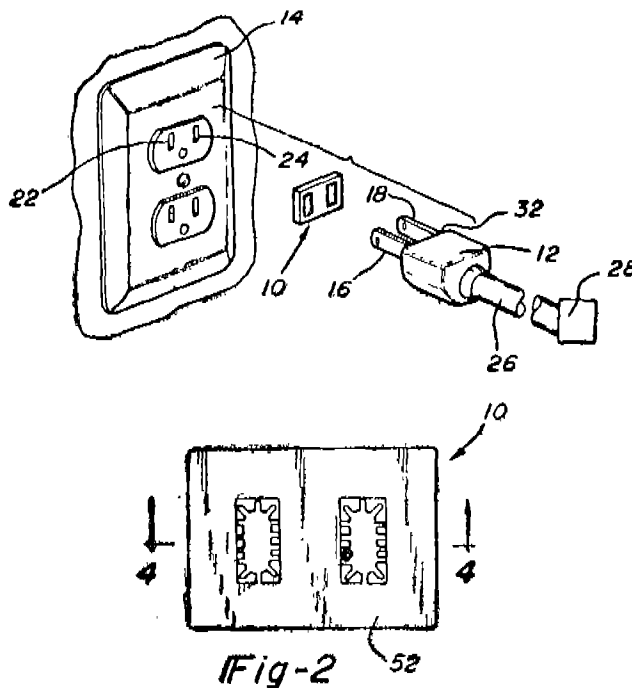


Fig-2

Cl. : 9 E.

181595

Int. Cl. : C 22 C 9/00, 12/00.

METHOD OF PREPARING COPPER-BISMUTH CASTING ALLOYS.

Applicant : FEDERALLOY INC., OF 7250 DIVISION STREET BEDFORD, OHIO 44146 UNITED STATES OF AMERICA.

Inventor : AKHILESHWAR RAMDAS SINGH.

Application No. : 280/Cal/1994 filed on 19th April, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Officer, Calcutta.

30 Claims

A method for preparing a copper-bismuth cast alloy containing about 0.1 to 7% bismuth, upto about 20% tin, upto about 42% zinc, upto about 27% nickel, about 0.1 to 2% mischmetal or its rare earth equivalent, and the balance copper and incidental impurities, said method comprising melting the aforementioned ingredients to prepare a molten mixture thereof, casting the molten mixture into a mold, and allowing the mixture to solidify.

(Compl. Specn. : 24 pages;

Drfns. : 3 Sheets)

Cl. : 64 B 2

181596

Int. Cl. : H 01 R 13/02

TERMINAL BLOCK FOR HIGH TRANSMISSION RATES IN THE TELECOMMUNICATION AND DATA TECHNIQUE.

Applicant : KRONE AKTIENGESellschaft, OF BEESKOWDAMM 3-11, D-14160 BERLIN-ZEHLENDORF, GERMANY.

Inventors :

- (1) HANS-DIETER BIPPUS,
- (2) ROBERT A. FITZGERALD,
- (3) BRYCE L. NICHOLSS.

Application No. : 412/Cal/1994 filed on 2nd June, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

10 Claims

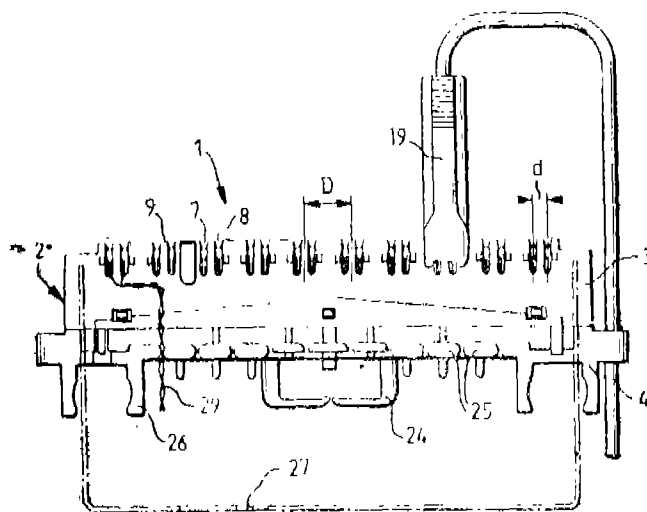
A terminal block for high transmission rates in telecommunication and data technique comprising :

a plastic casing ;

flat insulation displacement contact elements, inserted pairwise into said plastic casing in atleast two parallel rows ;

with connected contact fingers forming spring contacts ;

characterized in that each flat insulation displacement contact element comprises very narrow side webs having a contact slot therebetween and a narrow base web connecting said narrow side webs; and that the width of said spring contacts as small as possible thereby reducing the capacitance generated between two insulation displacement contact elements of a pair.



(Compl Specn. : 10 pages;

Drgns. : 4 Sheets)

Cl. : 131 A 1

181597

Int. Cl. : E 21 B 7/00, 15/00, 19/09.
E 21 C 9/00.

APPARATUS ON A VESSEL FOR NEAR VERTICAL LAYING OF PIPELINE OFFSHORE.

Applicant : MCDERMOTT INTERNATIONAL INC., OF 1450 POYDRAS STREET, P.O. BOX 60035 NEW ORLEANS, LA 70160 UNITED STATES OF AMERICA.

Inventors :

- (1) ROBERT W. BROWN,
- (2) MICHAEL JOSEPH LEGLEUX,
- (3) JESSE RAY WILKINS.

Application No. : 552/Cal/1994 filed on 13th July, 1994.

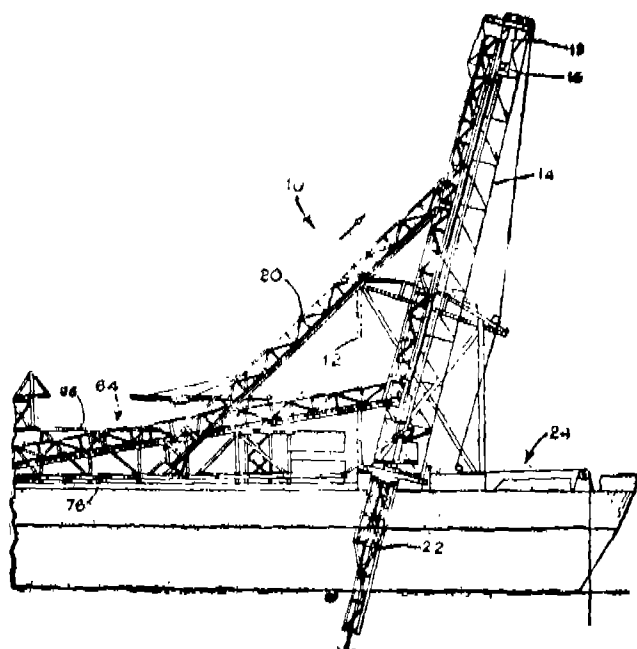
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

4 Claims

An apparatus on a vessel for near-vertical laying of a pipeline offshore, having a support frame mounted on the vessel and extending upwardly therefrom, characterised by :

- (a) a movable deck pivotally attached to the support frame ;
- (b) a tower attached to said movable deck and supported by the frame and said movable deck in a near vertical position ;
- (c) a strongback adapted to hold and deliver a pipe section into said tower ;
- (d) a travel block adapted for movement along the length of said tower and for receiving and supporting the weight of the pipeline ;
- (e) a pedestal supported by said movable deck and adapted to receive and support the weight of the pipeline from said travel block, said pedestal being movable between a first open and a second closed position ; and

- (f) a clamp adapted to hold and align a pipe section held by said strongback in said tower with the pipeline for addition thereto, said clamp being movable between a first retracted position and a second extended position.



(Compl. Specn. : 17 pages;

Drgns. : 8 Sheets)

Cl. : 127 F

181598

Int. Cl. : H 02 K 7/10.

DRIVING APPARATUS.

Applicant : EROWA AG, OF WINKELSTRASSE 8, CH-5734 REINACH, SWITZERLAND.

Inventor : BASIL OBRIST.

Application No. : 712/Cal/1994 filed on 6th September, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

9 Claims

A driving apparatus for the rotation of the spindle or the work piece receiving means for an electro erosive machining apparatus, comprising an electric motor adapted to be operated to rotate in two opposite directions, reduction gear means associated with said electric motor, said reduction gear means comprising an input member operatively connected to said electric motor and driven by said electric motor and an output member operatively connected to said spindle or said work piece receiving means of said electro erosive machining apparatus, an angular position sensing means operatively connected to said spindle or said work piece receiving means of said electro erosive machining apparatus, and control means comprising power supply means operatively connected to said electric motor and to said angular position sensing means,

characterised in that said input member comprises a pinion member and said output member comprises a first gear wheel means and a second gear wheel means, said first and second gear wheel means being rotatable with respect to each other and both meshing with said pinion member, whereby said first gear wheel means is torsionally fixedly connected to said spindle or said work piece receiving means of said electro erosive machining apparatus and said second gear wheel means is rotatable with respect to said first gear wheel

means, and means are provided to bias said second gear wheel means to perform a rotation with respect to said first gear wheel means.

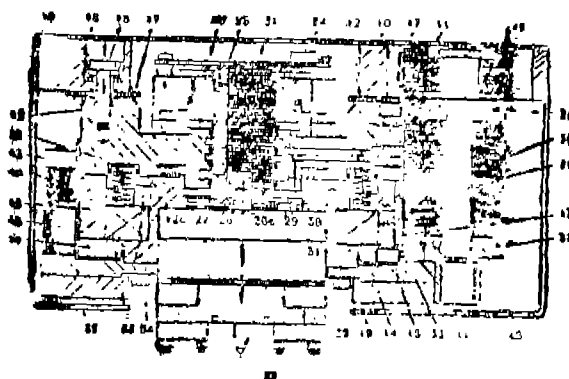


Fig.3

(Compl. Specn. : 17 pages;

Drgns. : 3 Sheets)

Cl. : 32 (A-2)

181599

Int. Cl. : C 09 B 47/04

A PROCESS FOR PREPARING A PHTHALOCYANINE DYE.

Applicant : HOECHST AKTIENGESELLSCHAFT, OF D-65926 AM MAIN, FEDERAL REPUBLIC OF GERMANY.

Inventors :

- (1) KLAUS SAITMACHER,
- (2) PETRA VERMEHREN, AND
- (3) THOMAS BECK.

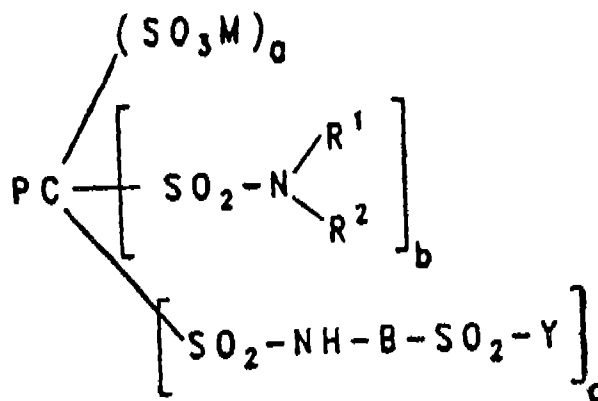
Application No. 905/Cal/1994 filed on 31st October, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

6 Claims

process for preparing a

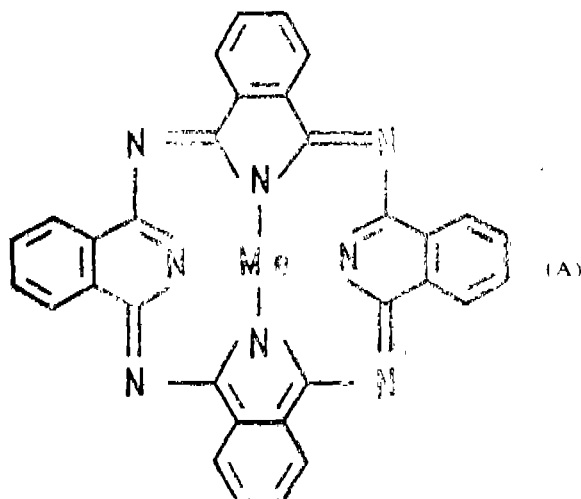
1. A/phthalocyanine dye of the formula (1)



(1)

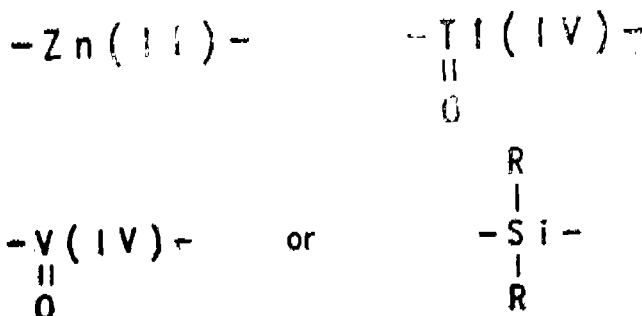
where

PC is the radical of the phthalocyanine of the formula (A)



where

Me is the bivalent metal radical



where R is methyl, ethyl, hydroxyl or halogen, preferably chlorine;

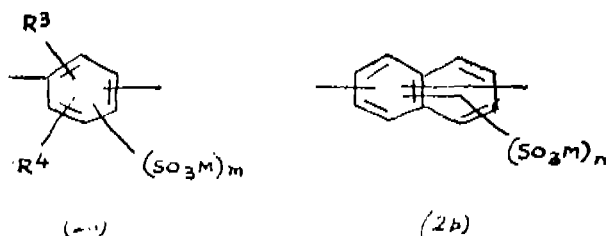
M is hydrogen or an alkali metal or some other salt-forming metal;

R¹ is hydrogen, alkyl of 1 to 6 carbon atoms, or is alkyl of 2 to 6 carbon atoms, which is substituted by alkoxy of 1 to 4 carbon atoms, cyano, alkanoylamino of 2 to 5 carbon atoms, carboxyl, sulfo, phosphato, sulfato, hydroxyl or dialkylamino having an alkyl each of 1 to 4 carbon atoms,

R² is hydrogen, alkyl of 1 to 6 carbon atoms, or is alkyl of 2 to 6 carbon atoms, which is substituted by alkoxy of 1 to 4 carbon atoms, cyano, alkanoylamino of 2 to 5 carbon atoms, carboxyl, sulfo, phosphato, sulfato, hydroxyl, phenyl, sulfophenyl, carboxyphenyl or dialkylamino having an alkyl each of 1 to 4 carbon atoms, or

R¹ and R², together with the nitrogen atom and an alkylene of 3 to 8 carbon atoms, or with a further hetero group and two alkylene 1 to 5 carbon atoms, form the radical of a 4-to 8- membered heterocyclic ring, or the radical -NR¹R² is cyanoamino;

B is a radical of the formula (2a) or 2(b)



where

F

R³ is hydrogen, alkyl of 1 to 4 carbon atoms, or alkoxy of 1 to 4 carbon atoms,

R⁴ is hydrogen, halogen, alkyl of 1 to 4 carbon atoms, or alkoxy of 1 to 4 carbon atoms,

M is as defined above,

m is zero or 1, and

n is zero, 1 or 2;

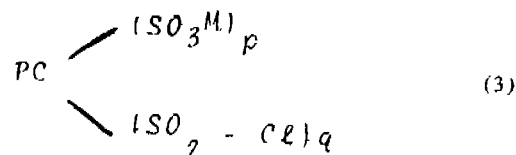
y is vinyl or is an ethyl group which, in the -position, contains a substituent which is eliminable by alkali to leave a vinyl group, or y is -sulfoethyl or -hydroxyethyl;

a is from zero to 3,

b is from zero to 2, and

c is from 1 to 4,

the sum of (A+b+c) being from 1 to 4 which comprises reacting a phthalocyaninesulfonyl chloride of the formula (3)



where PC and M are each as defined herein before, p is from zero to, 3, and q is from 1 to 4, the sum of (p+q) being from 1 to 4, in an aqueous or non-aqueous medium with an amine of the formula (4)



where B and Y are each as defined hereinbefore, and with an amine of the formula H-NR¹R² where R¹ and R² are each as defined above, or in the absence of said amine of the formula H-NR¹R², at a pH between 3.5 and 8.5 and at a temperature between 0 and 100°C and hydrolyzing thereafter non-reacted sulfonyl groups to sulfo groups.

(Compl. Specn. : 24 Pages)

Cl. : 88 D

181600

Int. Cl. : B 01 D 47/00, 53/00

A PROCESS FOR PURIFYING A GASEOUS EFFLUENT.

Applicant : ATOCHEM NORTH AMERICA, INC., OF THREE PARKWAY, PHILADELPHIA, PA 19102, USA.

Inventors :

- (1) AART PIETER DE GRAAF,
- (2) GEORGE HEINRICH LINDER, AND
- (3) LEENDERT CORNELIS HOEKMAN.

Application No. 318/Cal/1995 filed on 21st March, 1995

(Divided out of No. 797/Cal/90 dated 14-09-90).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

17 Claims

A process for purifying a gaseous effluent to remove metal containing species as herein described comprising the steps of :

- (a) contacting the process effluent with an acidic medium having a pH below about 6 in order to absorb a substantial amount of the metallic species down to a level which allows venting the treated process effluent into the atmosphere,

- (b) absorbing the metallic species in said medium in a manner as described herein and
- (c) venting the treated process effluent into the atmosphere.

(Compl. Specn. : 23 Pages;

Drgns. : 1 Sheet)

AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that ECP ENICHEM POLIMERI S.r.l., a company organized under the law of the Italian Republic of Piazza della Repubblica, 16, Milan, Italy, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 178524 for "process for Producing a solid component of catalyst for the (Co) polymerization of ethylene".

The amendments are by way of change of complete specification.

The application for amendment and the proposed amendments can be inspected free of charge at Patent Office, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed Form 30 within three months from the date of this notification at the Patent Office, 234/4 Acharya Jagadish Bose Road, Calcutta-700 020. If the Written Statement of Opposition is not filed with the Notice of Opposition it shall be left within one month from the date of filing the said notice.

RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of Patent No. 172807 dated the 18th October, 1989 made by Gec Alstom India Ltd. on the 6th September, 1996 and notified in the Gazette of India, Part III, Section 2, dated the 13th December, 1997 has been allowed and the said Patent restored.

Notice is hereby given that an application for restoration of Patent No. 173176 dated the 31st October, 1991 made by Lubrizol India Limited on the 29th September, 1997 and notified in the Gazette of India, Part III, Section 2, dated the 13th December, 1997 has been allowed and the said Patent restored.

Notice is hereby given that an application for restoration of Patent No. 173737 dated the 31st Oct., 1991 made by Lubrizol India Ltd. on the 12th September, 1997 and notified in the Gazette of India, Part III, Section 2, dated the 13th December, 1997 has been allowed and the said Patent restored.

Notice is hereby given that an application for restoration of Patent No. 174047 dated the 13th January, 1992 made by Gokhale, K. G. & Mardhekar, D. V. on the 8th September, 1997 and notified in the Gazette of India, Part III, Section 2, dated the 13th Dec. 1997 has been allowed and the said patent restored.

PATENT SEALED ON 19-06-98

166556 179291 179292 179293 179295* 179297 179298
179299 179300 179301 179302 179303 179305* 179306
179307 179308 179309 179310* 179311 197312 179314*
179315 179316 179317 179318 179319 179320* 179322*F
179323*F 179324*D 179326*F 179327*D 179329*D
179330*D

CAL-10, DEL-01, MUM-06, CHEN-17.

*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D Drug Patents

F Food Patents

H. D. THAKUR

Controller General of Patents, Designs & Trade Marks

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित
एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1998

PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD,
AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 1998.

